



FLOOD CONTROL DISTRICT of Maricopa County

2801 West Durango Street

(602) 506-1501 (Office)

(602) 506-7346 (Fax)

www.fcd.maricopa.gov

**PLAN SUBMITTAL REQUIREMENTS FOR FLOOD CONTROL
REVIEW**

FOR

**SINGLE FAMILY RESIDENCE
DRAINAGE CLEARANCE PLAN
MASTER PLAN
PRELIMINARY PLAT
FINAL PLAT
CONCEPT PLAN
PRECISE PLAN
SPECIAL USE
REVIEW FEES**



Planning & Development Department Department Directive



DD Number:	DD-2002-03	Initiator:	Tom Ewers
Supersedes:		Manager:	Tom Ewers <i>TE</i>
Date Initiated:		Director:	Joy Rich <i>JR</i>
Effective Date:	03/08/02	Responsible Authority:	Department Wide

PURPOSE: To clarify and explain requirements for site plan submittals with permit applications.

REFERENCE: Maricopa County Zoning Ordinance Section 2601.3
1997 Uniform Building Code Section 106.3
Drainage and Flood Plain Regulations for Maricopa County

POLICY/PROCEDURE:

Site plans must be submitted with most types of building or development activity permit applications. Because site plans are reviewed by the Plan Review division and may need to be reviewed by several departments including Flood Control, Environmental Services and the Department of Transportation, seven (7) copies of site plans must be submitted with each application. Building plans should be separate and should not contain site plans. Fewer copies of building plans are required, two (2) residential, three (3) commercial, because they are reviewed by the Plan Review division only.

Site plans must be drawn to a verifiable scale and may be Architectural or Civil Engineering types of plans. If there are civil engineering plans, they must be used as the record site plans and an Architectural site plan must not be submitted. When plans are used as the record set of site plans for a permit application, one sheet of the plans must contain all information required by form 3012 Planning and Development Department Typical Residential Site Plan or form 3022 Planning and Development Department Typical Commercial Site Plan, including showing all property lines, dimensions, actual building setbacks, building dimensions, driveway or parking lot and parking space dimensions, location of wells or septic systems, access and easements, and site lighting and landscaping on commercial site plans.

Site plans must show all existing buildings and improvements, their uses and the building for which the permit is being sought that is on the permit application. Site plans will not be accepted that show future buildings that are not part of the permit application. Further, site plans will not be accepted with notes that invalidate the site plan as the record site plan for zoning clearance such as: "future", "not in contract", "work by others", "preliminary", "not for construction" or "not for permit".

Our Customer Service Counter will accept submittals as record site plans **only** when they accurately show all the information needed for a zoning clearance.

This directive applies to all submittals including revisions.

PLAN REQUIREMENTS FOR FLOOD CONTROL REVIEW OF SINGLE FAMILY RESIDENCE

A complete Site Plan including a Grading and Drainage Plan, drawn to scale must be submitted for Flood Control District review and approval.

The Site Plan must include:

1. A title block (name, address, and phone number).
2. A location map (How do we get to your property for inspection purposes?).
3. A North direction arrow and scale. (Engineering scaled preferred).
4. The proposed structures included on the permit application and existing structures if any, on site.
5. The dimensions of the property, set back dimensions of side, front and rear yards, and locations of easements, if applicable or building envelopes.
6. Any washes, drainage tracts, or drainage channels located on site, or bordering the site, that may involve or effect the drainage of the site to be developed.

The Grading and Drainage Plan should include the following items:

1. Location of streets on the plan and include the name of all streets that border the property.
2. Finished floor elevation (May require a note on the plan by a registered civil engineer certifying the finished floor will be free from inundation during a 100-year peak runoff event).
3. A temporary bench mark (TBM) on site for referencing elevations. (To be used during the stemwall elevation inspection, if one is required).
4. Proposed contours, including existing contours or spot elevations.
5. Flow arrows indicating there is positive conveyance of runoff away from the structure.
6. Means of conveyance of runoff on-site (indicate swales, dips or pipes). Also provide a cross-section of these areas. If culvert pipes are proposed, indicate the size, type, and inlet and outlet elevations. All culverts must be designed by a civil engineer.
7. Indicate direction of flows on site and any off-site flows entering the site (include any grade breaks).
8. All proposed or existing fences or concrete masonry unit (CMU) walls on-site, including any gate openings. (If a CMU wall, indicate where the present or proposed drainage openings are or will be.).
9. Cross-sections through both axis of the proposed structure from 50 feet outside of the property line.

In order to help expedite the review process, it is important that all inclusions be made prior to submittal of plans for review and approval.

A minimum of seven (7) site plans, including the grading and drainage plan must be submitted to start the review process.

LIST OF TOP 10 QUESTIONS ASKED REGARDING PLAN SUBMITTALS

1. **What needs to be shown on the plans?**
Review the attached requirements for specific project.
2. **Where do I obtain a Building Permit or submit my plans?**
Building Permits and Plans submittals are to be taken downtown to 411 North Central Avenue, 3rd Floor, Suite 300. For questions regarding Building Permit submittals, call (602) 506-3201. Applications and information regarding the submittal of building permits can be obtained from the County's Fax on Demand line at (602) 506-0800.
3. **When do I call for a stem inspection?**
Prior to pouring the stem walls. Have the contractor set up the height of the stemwalls for our inspector's site visit. This should happen after the initial site plan has been approved. Call our inspection line at (602) 278-0871. Inspections for the next day need to be called in prior to 2:30 p.m. (This is an automated system).
4. **When do I call for a final inspection?**
After everything has been completed, all the concrete has been poured, all trenches have been filled, stockpiles/berms removed and the site has been rough graded.
5. **Do I need a site inspection?**
Whether a site inspection is needed or not depends on the location of the site and if the Flood Control District already has drainage information for the site. The Flood Control District Representative downtown will determine if a site inspection is needed at the time of the plan submittal.
6. **Am I in a floodplain?**
Check the Federal Emergency Management Agency's Flood Insurance Maps or if the property is located in the Unincorporated Areas of Maricopa County you can call the Flood Control District's Floodplain Division at (602) 506-2939 and ask for floodplain determination. Prior to calling make sure you have the Tax Assessor Number.
7. **What will the fees be?**
Fees will be determined by the Flood Control District at the time of submittal.
8. **Do I need an engineer to prepare my plans?**
An Arizona Registered Engineer is needed if there is extensive grading, a wash is to be rerouted or encroached upon, the proposed house is adjacent to a significant wash, or if the finished floor is to be set lower than the allowed finished floor criteria (see requirements for finished floors and grading on-site on the following page).
9. **How far away from the wash does my house need to be?**
The location of the structure in proximity to a wash is dependent on the size of the wash, the amount of flow the wash carries, and if any bank stabilization is required. The Flood Control District Plan Reviewer will determine if a location is acceptable during the plan review. In general, stay away from all major washes. A good rule for proposed structures within twenty feet would be to provide bank protection and set the footers below the bottom elevation of the wash. For larger washes, a civil engineer will need to determine appropriate erosion control. Erosion control may need to meet Arizona State Standard 5-96.

REQUIREMENTS FOR FINISHED FLOORS AND GRADING ON SITE

Finished Floor Elevation:

Finished floors shall be elevated a minimum of one foot above the high point of the building site, unless the site is within a flood hazard area. In some hillside locations or alluvial flooding areas, the finished floor elevation may be required to be a minimum of 18 inches or two feet above the high point of the building site. A finished floor elevation may be other than the minimum permitted, provided it is determined by technical data and certified by an Arizona Registered Professional Engineer to be safe from inundation by the 100-year peak runoff event. Finished floor elevations shall be referenced to a known benchmark whenever possible, or to a suitable reference elevation.

Building Site:

The area extending laterally a minimum distance of 10 feet beyond the foundation or support of a building.

The High Point of the Building Site:

The finished floor must be elevated a minimum of 12 inches above the highest point of the natural grade within the building site, unless certified by a civil engineer for a lower elevation.

Temporary Bench Mark (TBM):

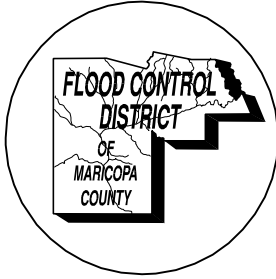
A reference point established for use by the inspector during stem/finished floor elevation inspection unless referenced to a Benchmark (BM) on-site with a known certified elevation. Sites using the high point of natural grade in the building site to establish finish floor elevation must reference that point. Site TBMs must not be located in streets and should be located within a reasonable distance of the proposed structure.

Grading On Site:

Grading on a site, unless otherwise stated and approved, shall be limited to the boundaries of the building site for the purpose of building a pad or clearing. This does not include excavating the building site or doing extensive fill.

Any excavation or fill outside the limits of the building site, or any extensive fill or excavation of the building site shall require a submittal of engineered grading and drainage plans. This plan must be approved and a description of the proposed work included on the Drainage Clearance. The grading and drainage plan must include existing and proposed contours or spot elevations, and show the drainage methods proposed.

Engineered Grading and Drainage plans may be required on any site work.



FLOOD CONTROL MARICOPA COUNTY

2801 W. Durango Street, Phoenix, Arizona 85009

Telephone (602) 506-1501; Fax (602) 506-4601

ENGINEERED PLAN SUBMITTAL REQUIREMENTS FOR DRAINAGE CLEARANCES

Please check your plan against the listed items for compliance. The following checklist should be used as a guideline. Additional data may be required based upon complexity of the design and location. Submit the checklist with your revised plan of development to the Development Review Branch of the Flood Control District.

Cover Sheet

- ☐ 1. Project name & address
- ☐ 2. Legal description
- ☐ 3. Site location map
- ☐ 4. Engineer's name, address, phone number & fax number
- ☐ 5. Drainage clearance number
- ☐ 6. Benchmark/on-site temporary benchmark (TBM)
- ☐ 7. General notes/legend
- ☐ 8. Arizona registered professional civil engineer's seal & signature

Site Plan Sheet

- ☐ 1. North direction arrow & engineering scale
- ☐ 2. Property lines/dimensions
- ☐ 3. Building envelope/tracts/easements/floodplain boundaries
- ☐ 4. Finished floor elevation & statement, "all finished floors shown on this plan are free from inundation during a 100-year peak runoff event."
- ☐ 5. Contour lines/spot elevations
- ☐ 6. Drainage patterns/arrows/grade breaks
- ☐ 7. Quantify 100-year peak runoff event & delineate floodplains for all washes of 50 cfs or greater.
- ☐ 8. Perpendicular cross-sections through site.
- ☐ 9. Erosion protection should be provided for structures 20 feet or less from the nearest wash bank. Erosion protection for proposed structures must meet Arizona State Standards 5-96.
- ☐ 10. Driveway location
- ☐ 11. Culvert cross-section & profile
- ☐ 12. Fences/block walls with type & location of drainage openings
- ☐ 13. Septic tank location
- ☐ 14. On-site temporary benchmark near the proposed structure (TBM)
- ☐ 15. Arizona registered professional civil engineer's seal & signature

Drainage Report

- ☐ 1. USGS drainage area map
- ☐ 2. Hydrologic analysis
- ☐ 3. Culvert analysis
- ☐ 4. Channel/wash hydraulic analysis
- ☐ 5. Arizona registered professional civil engineer's seal & signature

If you have any questions, please contact _____ at (602) 506-1501.

FLOOD CONTROL REQUIREMENTS MASTER PLAN - DRAINAGE INFORMATION

The master plan needs to be signed and sealed by an Arizona Registered Professional Civil Engineer. The following information will need to be provided for the Master Drainage Plan:

1. **Offsite Hydrology**- Need to determine the quantity, the entrance and exit points, and how the flow is to be routed through the site.
2. **Onsite Hydrology**- Need to show how the flows are to be routed to retention basins. Need to determine quantity for pre and post development conditions.
3. **Onsite Retention**- Need to retain water for the 100-year, 2-hour storm for the developed site. Determine volume needed and the size and location of basins.
4. **Contours**- Need to show natural and proposed contours or spot elevations on the plans.
5. **Streets**- Need to show the layout of major streets.
6. **Floodplains**- Need to show the delineated floodplain boundaries if the site is within a Federal Emergency Management Agency's (FEMA) special flood hazard area. Will also need to apply for a floodplain use permit. Delineation of floodplains (non-FEMA) for major washes is required.
7. **Erosion Setbacks**- For washes and other watercourse channels an erosion setback will need to be determined, which meets Arizona State Standard 5-96.

8. **Fill out the following Table:**

Miles/Acres of Protected Natural Watercourse ¹		
Miles of Improved Watercourse or Storm Drain ²		
Acres of Retention or Detention Areas ³		

¹Miles/Acres of watercourse that are preserved in a natural state by Open Space

²Miles of watercourse that is altered by bank stabilization, channelization, storm drain installation, or grading. Curb and gutter does not qualify as watercourse.

³Acres of Retention/Detention to be constructed as drainage infrastructure.

Since complex drainage systems may require more detailed information, a meeting should be arranged with a reviewer from the Flood Control District's Development Review Branch.

FEE: \$3,100.00 + \$500.00/sqm maximum \$20,000.00

SUBMIT 2 COPIES

Revised 1/2001

FLOOD CONTROL REQUIREMENTS FOR PRELIMINARY PLAT - DRAINAGE INFORMATION

A drainage plan and report needs to accompany a preliminary plat submittal. The drainage plan/report needs to be signed and sealed by an Arizona Registered Professional Civil Engineer and should address the following:

1. **Offsite Hydrology**- Need to determine the quantity, the entrance and exit points, and how the flow is to be routed through the site.
2. **Onsite Hydrology**- Need to show how the flows are to be routed to retention basins.
3. **Onsite Retention**- Need to retain water for the 100-year, 2-hour storm for the developed site. Determine volume needed and the size and location of the basins.
4. **Contours**- Need to show natural and proposed contours or spot elevations on the plans.
5. **Layout**- Need to show drainage tracts, easements, building envelopes, and typical lot drainage.
6. **Floodplains**- Need to show the delineated floodplain boundaries if the site is within a Federal Emergency Management Agency's (FEMA) special flood hazard area. Will also need to apply for a Floodplain Use Permit. Delineate all floodplains (non-FEMA) of 50 cfs or greater. All Floodplain delineations must be shown on the preliminary plat.
7. **Erosion Setbacks**- For washes and other watercourse channels an erosion setback will need to be determined, which meets Arizona State Standard 5-96.

8. **Fill out the following Table:**

Miles/Acres of Protected Natural Watercourse ¹		
Miles of Improved Watercourse or Storm Drain ²		
Acres of Retention or Detention Areas ³		

¹Miles/Acres of watercourse that are preserved in a natural state by a drainage tract, drainage easement, or building setbacks.

²Miles of watercourse that is altered by bank stabilization, channelization, storm drain installation, or grading. Curb and gutter does not qualify as watercourse.

³Acres of Retention/Detention to be constructed as drainage infrastructure.

Since complex drainage systems may require more detailed information, a meeting should be arranged with a reviewer from the Flood Control District's Development Review Branch.

FEE: \$1,000.00 + \$100.00/acre maximum \$15,000.00

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Revised 1/2001

FLOOD CONTROL REQUIREMENTS FOR FINAL PLAT - DRAINAGE INFORMATION

A final drainage report in conjunction with grading, drainage and paving plans will need to be submitted with the final plat. The final drainage report needs to be signed and sealed by an Arizona Registered Professional Civil Engineer and to include the following:

1. **Offsite Hydrology**- Need to determine the quantity, the entrance and exit points, and how the flow is to be routed through the site.
2. **Onsite Hydrology**- Need to show how the flows are to be routed to retention basins.
3. **Onsite Retention**- Need to retain water for the 100-year, 2-hour storm for the developed site. Determine volume needed and the size and location of basins.
4. **Onsite Hydraulic Calculations**- Need to show hydraulic analysis for any channels, culverts, storm drains, or street drainage.
5. **Cross Sections**- Need to show perpendicular cross-sections through the site indicating property lines, swales, retention areas, finished floors and street details.
6. **Finished Floor Elevations**- Need to show finished floor elevation and certification note.
7. **Topography**- Need to show natural and proposed contour elevations or spot elevations.
8. **Layout**- Need to show drainage tracts, easements, building envelopes, and typical lot drainage.
9. **Access**- Need to show a 100-year all weather access route throughout the subdivision.
10. **Dry Wells**- If applicable, need to submit a copy of the dry well registration before issuance of a permit.
11. **Floodplains**- Need to show the delineated floodplain boundaries if the site is within a Federal Emergency Management Agency's (FEMA) special flood hazard area. Will also need to apply for a Floodplain Use Permit. Delineate all floodplains (non-FEMA) of 50 cfs or greater. All Floodplain delineations must be shown on the preliminary plat.
12. **Erosion Setbacks**- For washes and other watercourse channels an erosion setback will need to be determined, which meets Arizona State Standard 5-96.

13. **Fill out the following Table:**

Miles/Acres of Protected Natural Watercourse ¹		
Miles of Improved Watercourse or Storm Drain ²		
Acres of Retention or Detention Areas ³		

¹Miles/Acres of watercourse that are preserved in a natural state by a drainage tract, drainage easement, or building setbacks.

²Miles of watercourse that is altered by bank stabilization, channelization, storm drain installation, or grading. Curb and gutter does not qualify as watercourse.

³Acres of Retention/Detention to be constructed as drainage infrastructure.

Since complex drainage systems may require more detailed information, a meeting should be arranged with a reviewer from the Flood Control District's Development Review Branch.

NO FEE: (included in Preliminary Plat Fee.)

SUBMIT 2 COPIES

Revised 1/2001

FLOOD CONTROL REQUIREMENTS FOR CONCEPT PLAN - DRAINAGE INFORMATION

The concept plan must have a preliminary drainage report/plan that will show that the site has enough space allocated for drainage features (retention basins, channels, swales, and pipes). The conceptual drainage report needs to be signed and sealed by an Arizona Registered Professional Civil Engineer and should address the following:

1. **Offsite Hydrology**- Need to determine the quantity, the entrance and exit points, and how the flow is to be routed through the site.
2. **Onsite Hydrology**- Need to show how the flows are to be routed to retention basins.
3. **Onsite Retention**- Need to retain water for the 100-year, 2-hour storm for the developed site. Determine volume needed and the size and location of basins.
4. **Contours**- Need to show natural and proposed contours or spot elevations on the plans.
5. **Floodplains**- Need to show the delineated floodplain boundaries if the site is within a Federal Emergency Management Agency's (FEMA) special flood hazard area. Will also need to apply for a Floodplain Use Permit. Delineate all floodplains (non-FEMA) of 50 cfs or greater.
6. **Erosion Setbacks**– For washes and other watercourse channels an erosion setback will need to be determined, which meets Arizona State Standard 5-96.

Since complex drainage systems may require more detailed information, a meeting should be arranged with a reviewer from the Flood Control District's Development Review Branch.

FEE: \$500.00 + \$100.00/Acre \$5,000.00 maximum

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Revised 1/2001

FLOOD CONTROL REQUIREMENTS FOR PRECISE PLAN - DRAINAGE INFORMATION

A detailed drainage report with respect to hydrology and hydraulics in conjunction with grading, drainage and paving plans will need to be submitted. The final drainage plan needs to be signed and sealed by an Arizona Registered Professional Civil Engineer and should address the following:

1. **Offsite Hydrology**- Need to determine the quantity, the entrance and exit points, and how the flow is to be routed through the site.
2. **Onsite Hydrology**- Need to show how the flows are to be routed to retention basins.
3. **Onsite Retention**- Need to retain water for the 100-year, 2-hour storm for the developed site. Determine volume needed and the size and location of basins.
4. **Onsite Hydraulic Calculations**- Need to show hydraulic analysis for any channels, culverts, storm drains, or street drainage.
5. **Cross Sections**- Need to show perpendicular cross-sections through the site indicating property lines, swales, retention areas, finished floors, and street details.
6. **Finished Floor Elevations**- Need to show finished floor elevation and certification note.
7. **Topography**- Need to show natural and proposed contour elevations or spot elevations.
8. **Dry Wells**- If applicable, need to submit a copy of the dry well registration before issuance of a permit.
9. **Floodplains**- Need to show the delineated floodplain boundaries if the site is within a Federal Emergency Management Agency's (FEMA) special flood hazard area. Will also need to apply for a Floodplain Use Permit. Delineate all floodplains (non-FEMA) of 50 cfs or greater.
10. **Erosion Setbacks**– For washes and other watercourse channels an erosion setback will need to be determined, which meets Arizona State Standard 5-96.

11. **Fill out the following Table :**

Miles/Acres of Protected Natural Watercourse ¹		
Miles of Improved Watercourse or Storm Drain ²		
Acres of Retention or Detention Areas ³		

¹Miles/Acres of watercourse that are preserved in a natural state.

²Miles of watercourse that is altered by bank stabilization, channelization, storm drain installation, or grading. Curb and gutter does not qualify as watercourse.

³Acres of Retention/Detention to be constructed as drainage infrastructure.

Since complex drainage systems may require more detailed information, a meeting should be arranged with a reviewer from the Flood Control District's Development Review Branch.

FEE:	\$1,000.00 + \$200.00/Acre	\$10,000.00 maximum
With TAC Hearing – Total and Additional	\$75.00	
With Public Meeting – Total and Additional	\$75.00	

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Revised 1/2001

FLOOD CONTROL REQUIREMENTS FOR SPECIAL USE - DRAINAGE INFORMATION

The drainage information required depends on the type of use and the size of the project. For commercial/industrial uses, the requirements for precise plan will need to be submitted. For residential and other uses, the following minimum drainage information will be needed:

1. Show direction of onsite flow on the plan.
2. Show retention calculations, the location, and size of the basin.
3. Show any washes that flow through the site.
4. Show finished floor elevation if buildings are to be built.
5. Show elevation contours or spot elevations on the site plan.
6. Fill out the following Table:

Miles/Acres of Protected Natural Watercourse ¹		
Miles of Improved Watercourse or Storm Drain ²		
Acres of Retention or Detention Areas ³		

¹Miles/Acres of watercourse that are preserved in a natural state.

²Miles of watercourse that is altered by bank stabilization, channelization, storm drain installation, or grading.
Curb and gutter does not qualify as watercourse.

³Acres of Retention/Detention to be constructed as drainage infrastructure.

Since complex drainage systems may require more detailed information, a meeting should be arranged with a reviewer from the Flood Control District's Development Review Branch.

FEE:	\$1,000.00 + \$200.00/acre	maximum \$10,000.00
With TAC Hearing – total and additional	\$75	
With Public Meeting – total and additional	\$75	

SUBMIT 2 COPIES

Revised 1/2001

FEE SCHEDULE

DRAINAGE REGULATIONS for MARICOPA COUNTY, ARIZONA

The following fees shall be charged for the processing of plan reviews, drainage clearances, appeals, drainage variances, and performance bonds with no provision for refund. For simultaneous review (as example, a submittal for an RUPD and Preliminary Plat), the higher single fee will be charged.

PLAN REVIEW

Area Master Plans (1 square mile) \$3,100
+\$500/sq. mile; Max (18 sq. miles) \$20,000

Planning and Development

CASE REVIEW (Zoning, Board of Adjustment, and Compliance Review)..... \$150

DEVELOPMENT REVIEW (Abandoned Easements, Adm. Approvals, and
Amendments) \$300

+\$50/Acre; Max \$8,000

With Public Meeting +\$75

With Plans/Drainage Report +\$175

Conceptual Plans \$500 + \$100/Acre
Max (45 Acres) **\$5,000**

Subdivisions

IUPD/RUPD/CUPD, Preliminary & Final Plats (Based on 28 Acre Subdivisions) \$1,000 + \$100/Acre

Max (Based on 140/Acre) \$15,000

Precise Plan of Development

*Commercial/Industrial, Multi-family, Special Uses, Schools, Golf Courses,
Municipal, Special Districts, Churches, and all other precise plans*..... \$1,000 + \$200/Acre

Max (Based on 45 Acres) \$10,000

With TAC Hearing – total and additional +\$75

With Public Meetings – total and additional +\$75

Site/Drainage Plans

*** Subdivision lots, Custom lots, Rural Single Family** **\$400**

With Eng. Grading & Drainage Plan/Hydrology Report +\$130

With Requested Site Inspection by Supervisor **+\$150**

Max \$680

* Non-FCD approved subdivisions or non-engineered subdivisions..... +\$50/Acre

Max \$5,000

Other Site Plans

Drainage Clearances and other plans NOT requiring:

A drainage report/plan \$45

With site investigation +\$110

Total \$155

Approved Subdivision Lots*Drainage Clearance for:*

1 – 5 lots.....	\$45/lot
6 – 10 lots.....	\$35/lot
11 or more lots	\$25/lot

FCD approved subdivisions with certified pad elevations on file.....\$20/ea.

FCD approved subdivisions with certified pad elevations and final grading as-builts on file\$15/ea.

Amended Drainage Reports to Approved Plans, Plan Revisions, and Additions \$200

+ \$50/lot; Max \$5,000

OTHER FEES

Appeals/Variances (Drainage Review Board and Board of Supervisors)..... \$450

Appeals sent to Drainage Administrator

SFR (Single Family Residence)..... \$100

All others..... \$200

Continuance of Hearing (Applicant's Request) \$50

When new posting required \$200

Special Inspections

Re-inspection fee (site not ready, no show, etc.) \$75

Additional inspections (due to applicant) \$150

On-site consultation (citizen request) \$150

Set reference point for FFE..... \$50

Retention calculations for small site with less than 2 gross acres..... \$200

Pipe culverts for small washes \$75/hr.

Max \$1,500

Drainage reports for floor elevations of site with 5 acres or less of watershed .. \$500

Fees will be doubled for work done without benefit of permit.

Regulation per Copy: \$5

Performance Bond: 100% cost of required improvement or cost to abate violation, or 50% of value at risk, whichever is higher.

For precise plans of development, all fees include a minimum of two (2) plan reviews and three (3) compliance inspections.

For site/drainage plans, the fees include three (3) inspections: a site, stem, and final inspection.

All other site plans will have site investigation fees on a site-specific basis.